

IntelSat 37e Launches, Bringing Enhanced IntelSat EpicNG Technology to Customers in Africa, Europe and the Americas

September 29, 2017

Fifth IntelSat Epic^{NG} satellite features unique power sharing technology and steerable beam capabilities to deliver optimized services for broadband, mobility and government customers

The all-digital IntelSat 37e is the first HTS satellite to offer full-beam interconnectivity between C-, Ku- and Ka-bands

LUXEMBOURG--(BUSINESS WIRE)--Sep. 29, 2017-- IntelSat S.A. (NYSE: I), operator of the world's first Globalized Network and leader in integrated satellite communications, announced the successful launch of the IntelSat 37e satellite aboard an Ariane 5 launch vehicle from the Guiana Space Center in Kourou, French Guiana. Liftoff occurred at 5:56 pm EDT. The IntelSat 37e satellite separated from the rocket's upper stage at 6:25 pm EDT. Signal acquisition has been confirmed.

This press release features multimedia. View the full release here: <http://www.businesswire.com/news/home/20170929005837/en/>



IntelSat 37e, the fifth IntelSat EpicNG satellite, launches from the Guiana Space Center in Kourou, French Guiana. (Photo: Business Wire)

high-demand areas for government and commercial mobility applications. They will complement the extensive Ku-band multi-spot beam coverage. In addition, IntelSat 37e improves the resiliency of the IntelSatOne Flex managed platform, bringing additional throughput to support enterprise, broadband, government and mobility applications in the Americas, Africa and Europe.

Manufactured by Boeing and equipped with the highest throughput of the entire IntelSat Epic^{NG} fleet, IntelSat 37e features enhanced power sharing technology to enable power to be assigned between shaped, fixed and steerable spot beams at Ku-band. This new capability augments flexibility within the payload to optimize connectivity and increase efficiency as requirements shift over time.

IntelSat will be placed into service at 342° East. It will replace IntelSat 901, which will be repositioned. Companies such as Speedcast, Omni-Access – which will leverage satellites capabilities in the Mediterranean – Algeria Telecom and TIM Brazil will be among the first customers to deploy services on IntelSat 37e.

Supporting Resources

- **IntelSat 37e:** <http://www.intelsat.com/global-network/satellites/fleet/intelsat-37e/>
- **IntelSat Epic^{NG}:** <http://www.intelsat.com/infrastructure/intelsat-epicng/>
- **IntelSat Epic^{NG} for Broadband Applications:** <http://www.intelsat.com/applications/broadband-2/intelsat-epicng->

“IntelSat 37e is a powerful addition to our award-winning IntelSat Epic^{NG} network. It brings new technology and resilience as we continue to deploy the first, all-digital, high-throughput satellite system,” said Stephen Spengler, IntelSat’s CEO. “IntelSat 37e features enhanced power sharing technology and steerable beams, which bring additional flexibility to meeting regional and application requirements over the life of the satellite. IntelSat 37e reflects our multi-band, open architecture philosophy. Our overarching goal is to offer satellite services that unlock high-demand applications such as mobility and wireless infrastructure, supporting the growth of our customers.”

The all-digital IntelSat 37e is the first satellite to offer full, high-resolution interconnectivity between C-, Ku- and Ka-bands for use in wireless backhaul, enterprise VSAT, government and mobility networks. The C-band payload presents a comprehensive mix of high-power spot and wide beams, designed to deliver additional services and improved throughput. The Ku- and Ka-band steerable beams, which can be positioned as needed, have been added to increase network access and support

[for-broadband/](#)

- **Intelsat Epic^{NG} for Mobility Applications:** <http://www.intelsat.com/applications/mobility/intelsat-epicng-for-mobility/>

About Intelsat

Intelsat S.A. (NYSE: I) operates the world's first Globalized Network, delivering high-quality, cost-effective video and broadband services anywhere in the world. Intelsat's Globalized Network combines the world's largest satellite backbone with terrestrial infrastructure, managed services and an open, interoperable architecture to enable customers to drive revenue and reach through a new generation of network services. Thousands of organizations serving billions of people worldwide rely on Intelsat to provide ubiquitous broadband connectivity, multi-format video broadcasting, secure satellite communications and seamless mobility services. The end result is an entirely new world, one that allows us to envision the impossible, connect without boundaries and transform the ways in which we live. For more information, visit www.intelsat.com.

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Source: Intelsat

Intelsat
Dianne VanBeber
Vice President, Investor Relations and Communications
+1 703-559-7044
Dianne.VanBeber@intelsat.com